

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/ 3/10708

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61K31/496 C07D215/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 980 470 A (KYORIN PHARM CO LTD (JP)) 25 December 1990 (1990-12-25) cited in the application example 14	1-20
A	EP 0 805 156 A (KYORIN PHARM CO LTD (JP)) 5 November 1997 (1997-11-05) cited in the application claim 1	1-20
A	US 4 997 943 A (SANKYO CO LTD (JP)) 5 March 1991 (1991-03-05) cited in the application example 22	1-20

☐

Further documents are listed in the continuation of box C.

☒

Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

28 July 2003

Date of mailing of the international search report

05/08/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Cortés, J

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/10708

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4980470	A	25-12-1990	JP 8009597 B	31-01-1996
			JP 62252772 A	04-11-1987
			AU 610491 B2	23-05-1991
			AU 6769087 A	23-07-1987
			CA 1340316 C	12-01-1999
			CN 87100580 A , B	19-08-1987
			CY 2022 A	20-02-1998
			DE 3789878 D1	30-06-1994
			DE 3789878 T2	05-01-1995
			EP 0230295 A2	29-07-1987
			HK 79797 A	20-06-1997
			HU 43583 A2	30-11-1987
			JP 2631640 B2	16-07-1997
			JP 7304706 A	21-11-1995
			JP 2640441 B2	13-08-1997
			JP 7304742 A	21-11-1995
			JP 2598737 B2	09-04-1997
			JP 6092937 A	05-04-1994
			JP 6080640 A	22-03-1994
			KR 9407308 B1	12-08-1994
			US 5043450 A	27-08-1991
EP 0805156	A	05-11-1997	JP 8176143 A	09-07-1996
			AT 216381 T	15-05-2002
			AU 694946 B2	06-08-1998
			AU 3994695 A	10-07-1996
			DE 69526453 D1	23-05-2002
			DE 69526453 T2	12-12-2002
			DK 805156 T3	06-05-2002
			EP 0805156 A1	05-11-1997
			US 5880283 A	09-03-1999
			CA 2208704 A1	27-06-1996
			CN 1171108 A	21-01-1998
			ES 2173982 T3	01-11-2002
			HU 77945 A2	28-12-1998
			WO 9619472 A1	27-06-1996
			PT 805156 T	30-09-2002
			TW 393479 B	11-06-2000
US 4997943	A	05-03-1991	AU 618235 B2	19-12-1991
			AU 7078587 A	08-10-1987
			CA 1339537 C	11-11-1997
			CN 87103693 A , B	30-03-1988
			DK 164287 A	01-10-1987
			EP 0241206 A2	14-10-1987
			FI 871419 A	01-10-1987
			FI 953246 A	30-06-1995
			FI 962676 A	28-06-1996
			JP 1878384 C	07-10-1994
			JP 5081590 B	15-11-1993
			JP 63198664 A	17-08-1988
			KR 9601918 B1	06-02-1996
			KR 9514221 B1	23-11-1995
			NO 871333 A	01-10-1987